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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/720,958	11/24/2003	Arun Ramakrishnan	03-1098/L13.12-0252	5206
7590	06/29/2005		EXAMINER	
Tim R. Croll LSI Logic Corporation 1621 Barber Lane, MS D-106 Milpitas, CA 95035				RAO, SHRINIVAS H
			ART UNIT	PAPER NUMBER
			2814	

DATE MAILED: 06/29/2005

Please find below and/or attached an Office communication concerning this application or proceeding.

**Advisory Action
Before the Filing of an Appeal Brief**

Application No.	10/720,958	Applicant(s)	RAMAKRISHNAN ET AL.
Examiner	Steven H. Rao	Art Unit	2814

--The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

THE REPLY FILED 13 June 2005 FAILS TO PLACE THIS APPLICATION IN CONDITION FOR ALLOWANCE.

1. The reply was filed after a final rejection, but prior to or on the same day as filing a Notice of Appeal. To avoid abandonment of this application, applicant must timely file one of the following replies: (1) an amendment, affidavit, or other evidence, which places the application in condition for allowance; (2) a Notice of Appeal (with appeal fee) in compliance with 37 CFR 41.31; or (3) a Request for Continued Examination (RCE) in compliance with 37 CFR 1.114. The reply must be filed within one of the following time periods:
- The period for reply expires 2 months from the mailing date of the final rejection.
 - The period for reply expires on: (1) the mailing date of this Advisory Action, or (2) the date set forth in the final rejection, whichever is later. In no event, however, will the statutory period for reply expire later than SIX MONTHS from the mailing date of the final rejection.
Examiner Note: If box 1 is checked, check either box (a) or (b). ONLY CHECK BOX (b) WHEN THE FIRST REPLY WAS FILED WITHIN TWO MONTHS OF THE FINAL REJECTION. See MPEP 706.07(f).

Extensions of time may be obtained under 37 CFR 1.136(a). The date on which the petition under 37 CFR 1.136(a) and the appropriate extension fee have been filed is the date for purposes of determining the period of extension and the corresponding amount of the fee. The appropriate extension fee under 37 CFR 1.17(a) is calculated from: (1) the expiration date of the shortened statutory period for reply originally set in the final Office action; or (2) as set forth in (b) above, if checked. Any reply received by the Office later than three months after the mailing date of the final rejection, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

NOTICE OF APPEAL

2. The Notice of Appeal was filed on _____. A brief in compliance with 37 CFR 41.37 must be filed within two months of the date of filing the Notice of Appeal (37 CFR 41.37(a)), or any extension thereof (37 CFR 41.37(e)), to avoid dismissal of the appeal. Since a Notice of Appeal has been filed, any reply must be filed within the time period set forth in 37 CFR 41.37(a).

AMENDMENTS

3. The proposed amendment(s) filed after a final rejection, but prior to the date of filing a brief, will not be entered because
- They raise new issues that would require further consideration and/or search (see NOTE below);
 - They raise the issue of new matter (see NOTE below);
 - They are not deemed to place the application in better form for appeal by materially reducing or simplifying the issues for appeal; and/or
 - They present additional claims without canceling a corresponding number of finally rejected claims.

NOTE: _____. (See 37 CFR 1.116 and 41.33(a)).

4. The amendments are not in compliance with 37 CFR 1.121. See attached Notice of Non-Compliant Amendment (PTOL-324).
5. Applicant's reply has overcome the following rejection(s): _____.
6. Newly proposed or amended claim(s) _____ would be allowable if submitted in a separate, timely filed amendment canceling the non-allowable claim(s).
7. For purposes of appeal, the proposed amendment(s): a) will not be entered, or b) will be entered and an explanation of how the new or amended claims would be rejected is provided below or appended.

The status of the claim(s) is (or will be) as follows:

Claim(s) allowed: _____

Claim(s) objected to: _____

Claim(s) rejected: _____

Claim(s) withdrawn from consideration: _____

AFFIDAVIT OR OTHER EVIDENCE

8. The affidavit or other evidence filed after a final action, but before or on the date of filing a Notice of Appeal will not be entered because applicant failed to provide a showing of good and sufficient reasons why the affidavit or other evidence is necessary and was not earlier presented. See 37 CFR 1.116(e).
9. The affidavit or other evidence filed after the date of filing a Notice of Appeal, but prior to the date of filing a brief, will not be entered because the affidavit or other evidence failed to overcome all rejections under appeal and/or appellant fails to provide a showing a good and sufficient reasons why it is necessary and was not earlier presented. See 37 CFR 41.33(d)(1).
10. The affidavit or other evidence is entered. An explanation of the status of the claims after entry is below or attached.

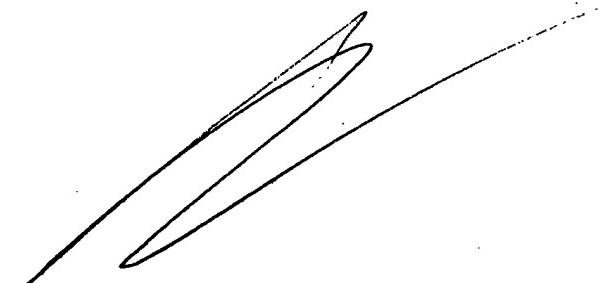
REQUEST FOR RECONSIDERATION/OTHER

11. The request for reconsideration has been considered but does NOT place the application in condition for allowance because:
See Continuation Sheet.
12. Note the attached Information Disclosure Statement(s). (PTO/SB/08 or PTO-1449) Paper No(s). _____
13. Other: see continuation sheet.

Continuation of 11. does NOT place the application in condition for allowance because: Applicants' reply to the outstanding drawing requirements amounts to a noncompliant reply. However , Applicants' are advised that Examiner has applied the lastest MPEP (available on line) and the Examiners' clear instructions are correct. It is noted that if as Applicants' state in the amendment that the bracket on left hand side of figure 1 is intended to indicate exploded elements then the same must be placed within brackets (on both sides as required by 37 CFR 1.84 (h) (1)) and not a single bracket without any indication . The drawing requirement is made Final. Appropriate correction is required. All three sheets include information regarding Applicants', phone number Attorney Docket number , etc. that should be deleted from the front sheet of the drawings.

it is noted that Applicants' are completely misreading 37 CFR 1.84(c) which requires identifying material to be placed on the BACK side and not front side as alleged by applicants' and attorney David Brush. The requirement that identifying materia! to be placed on the BACK side of each drawing sheet is made Final. Appropriate correction is required.This is clearest drawigns requirements that Examiner can provide..

Continuation of 13 . Applicant's arguments filed have been fully considered but they are not persuasive. because contrary to Applicants' contention Hosomi in figures 8-10, etc. and paras 0015,0031 and 0032 (Hosomi figures 8-10, paras 0031 and 0032).shows a second trace of a differential signal pair routed out of a bonding die area on a different one of layers than the first race of the differential signal pair , see also rejection above.. Applicants' silence regarding para 0015 (mentioned in Final rejection) is further proof that Hosomi teaches the limitations of the claims. Hosmi in other figures further teaches signal pair routing and other limitiations presently recited. Applicants contention with respect to claims 13 and 22 Hosomi (see rejections of claims1-12 above) shows the routing of presently recited claim 13.Similarly Hosomi also shows the offset of presently recited claim 22 .



LONG PHAM
PRIMARY EXAMINER